

SUCCESSIVELY CLICK CHARACTERS ONE BY ONE

FIG. 1

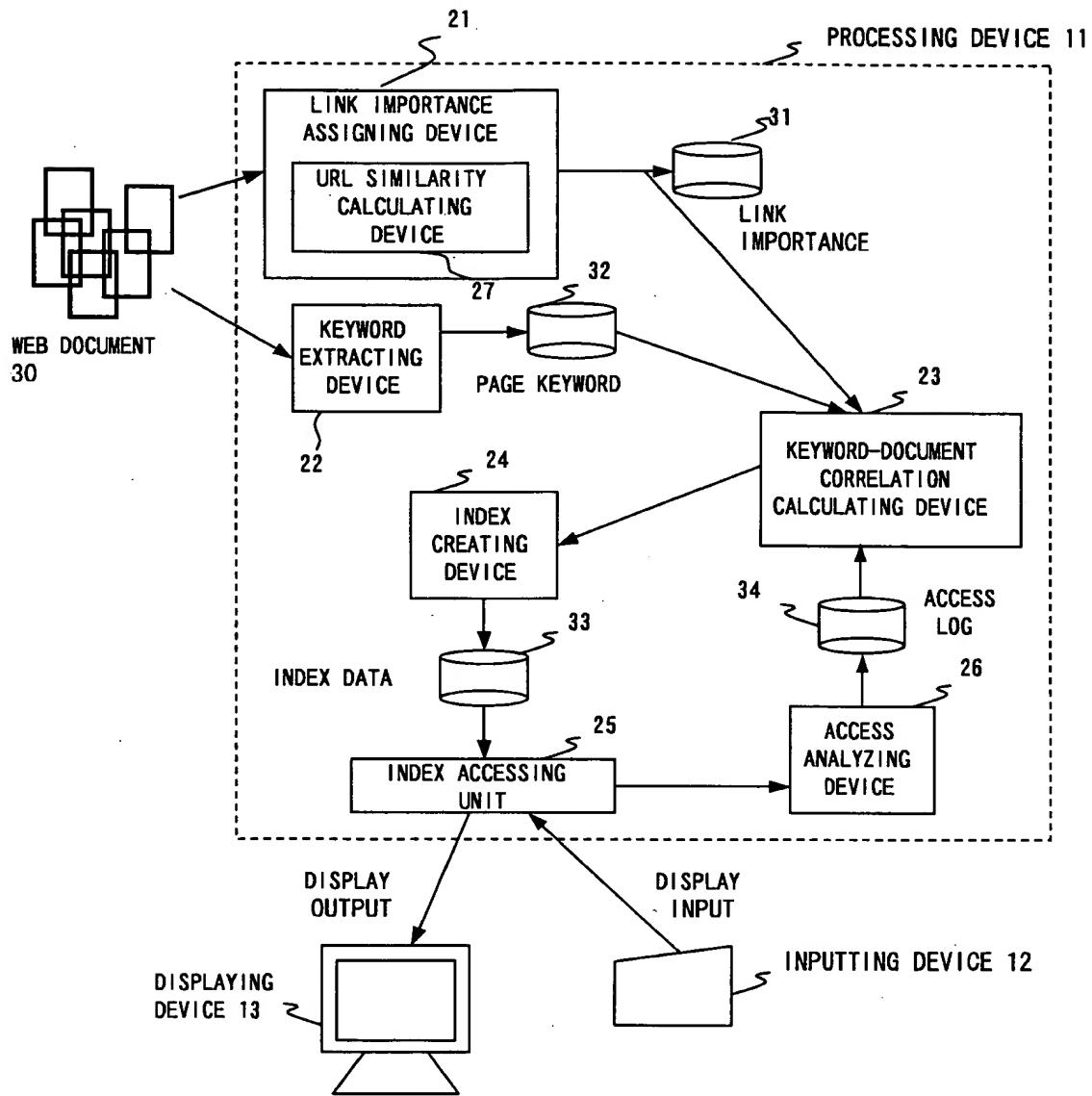


FIG. 2

DOCUMENT ID	URL	TITLE	REFERENCED DOCUMENT	LINK IMPORTANCE
00001	http://www.fujitsu.co.jp/	FUJITSU HOME		1023
00002	http://www.kantei.go.jp/	OFFICIAL RESIDENCE OF PRIME MINISTER		2055
.	.	.		

DOCUMENT INFORMATION TABLE 41

DOCUMENT ID	URL	SIMILARITY
00006		3
00138		2
.....		

REFERRED DOCUMENT TABLE 42

FIG. 3

KWD ID	REPRESENTATIVE WORD	OCCURRENCE DOCUMENT
001	コンピュータ (konpyu-ta: COMPUTER)	
....		

KEYWORD TABLE 51

KEYWORD	PRONUNCIATION CHARACTERS	KWD ID
computer	COMPUTER	001
コンピュータ	こんぴゅた	001
プログラム	програм	002
⋮	⋮	⋮

KEYWORD RELATION TABLE 52

DOCUMENT ID	OCCURRENCE
00001	8
00003	1
⋮	⋮
⋮	⋮

OCCURRENCE DOCUMENT TABLE 53

F I G. 4

CHARACTER STRING	FOLLOWING CHARACTER STRINGS	KEYWORD STRINGS
TOP	あ (a), い (i), ...	
あ (a)	あいぼ(aibo), あお(ao), ...	
あいぼ (aibo)		相棒 (aibou:MATE), アイボリー(aibori : IVORY).
あお (ao)	あおぞ(aozora)	青 (ao: BLUE), 蒼 (ao: DARK BLUE), ...

INDEX INFORMATION TABLE 61

KEYWORD ID	CORRELATED DOCUMENT ID STRINGS
093	0005, 0008, ...
321	0004, 0008, ...
....	

CORRELATED DOCUMENT TABLE 62

DOCUMENT ID	CORRELATED KEYWORD ID STRINGS
0005	093, 099, 122, ...
0008	093, 156, 321, ...
....	

CORRELATED KEYWORD TABLE 63

F I G. 5

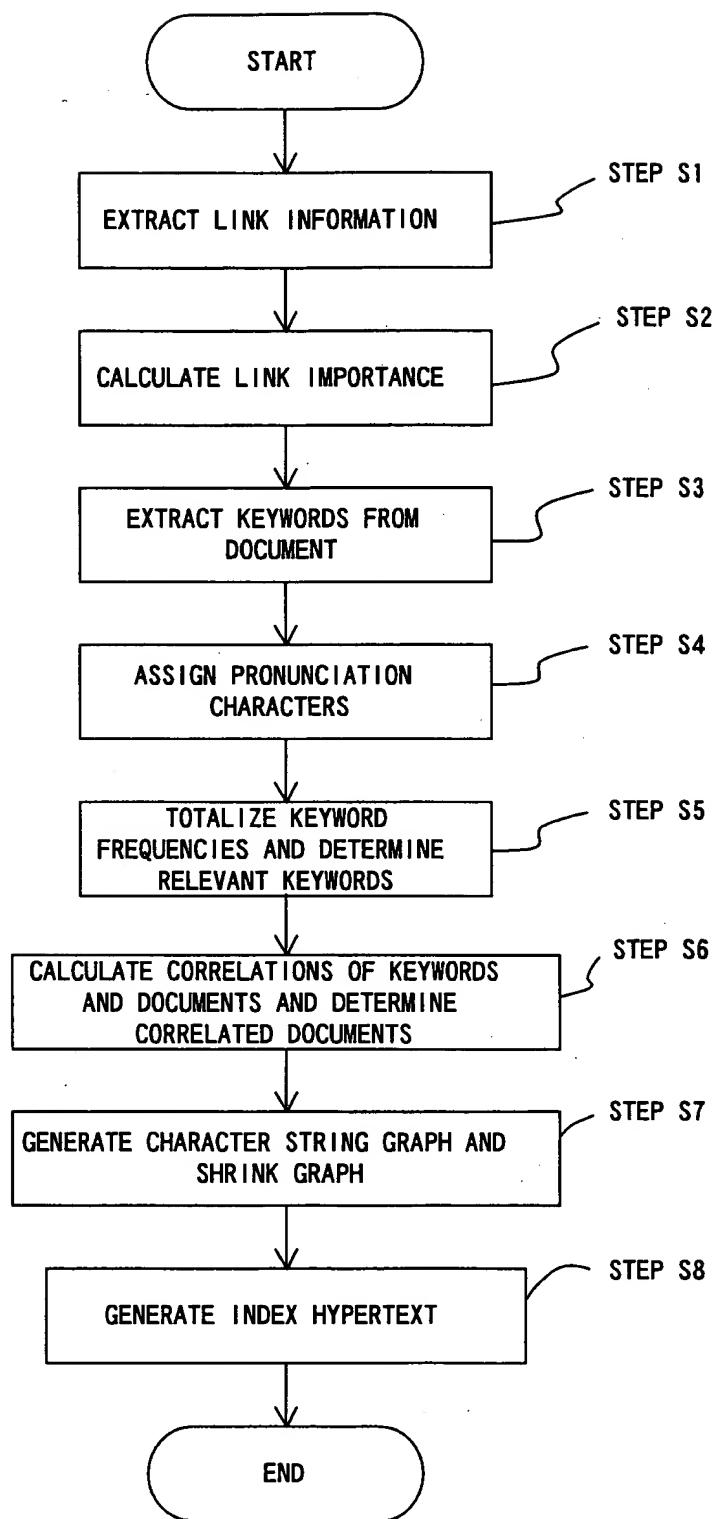
00 2 6 9 0 0 2 2 = 0 0 0 0 0 0 0

FORMAT IN yyyyymmddHHMM

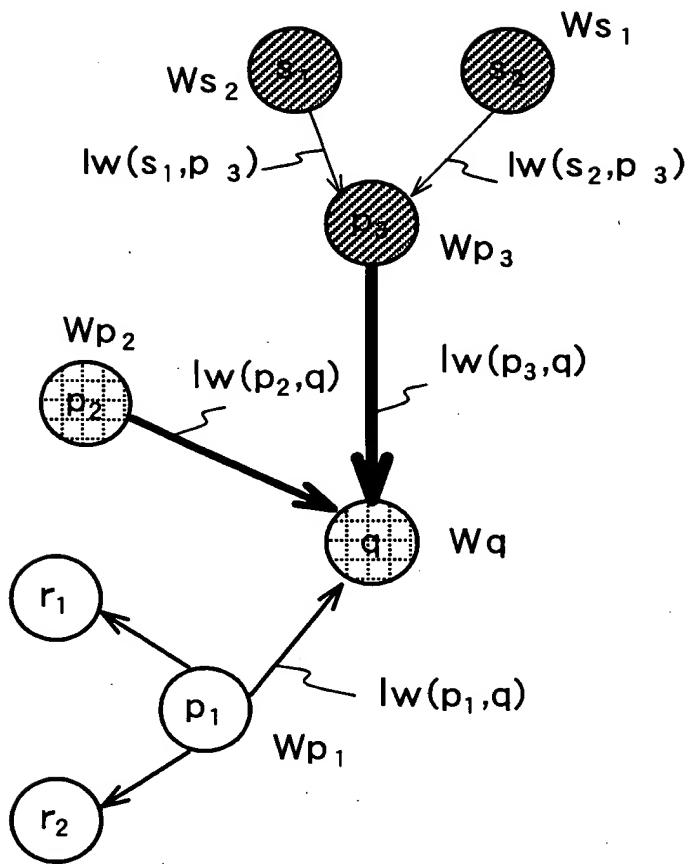
DATE AND TIME	KWD ID	DOCUMENT ID
200001121436	003	00123
200001121437	005	00054
.		

ACCESS LOG 71

F I G. 6



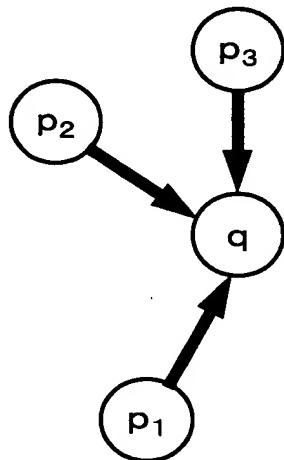
F I G. 7



CIRCLE( $\circ$ ) : WEB PAGE  
 THICKNESS OF ARROW( $\rightarrow$ ) : LINK WEIGHT  
 PATTERN OF CIRCLE( $\circ$ ) : URL SIMILARITY

F I G. 8

$$\text{sim}(p_i, q) = 1$$

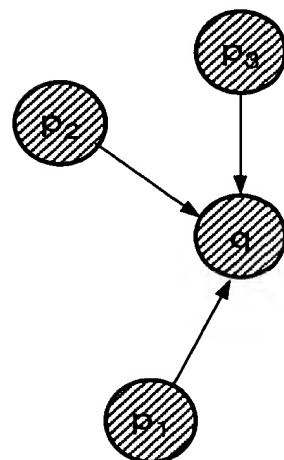


$$lw(p_i, q) = \frac{1}{\text{sim}(p_i, q)} = 1$$

$$w_q = c_q + w_{p1} + w_{p2} + w_{p3}$$

F I G. 9 A

$$\text{sim}(p_i, q) = n+1$$



$$lw(p_i, q) = \frac{1}{\text{sim}(p_i, q)} = \frac{1}{n+1}$$

$$w_q = c_q + \frac{w_{p1} + w_{p2} + w_{p3}}{n+1}$$

F I G. 9 B

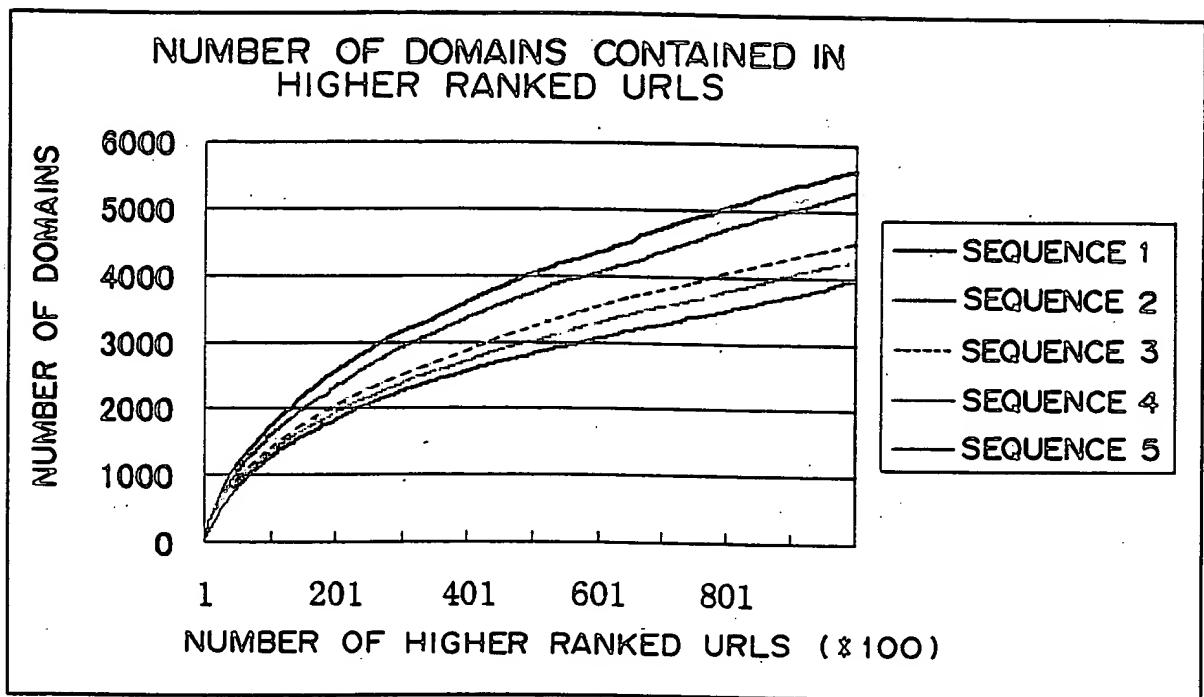
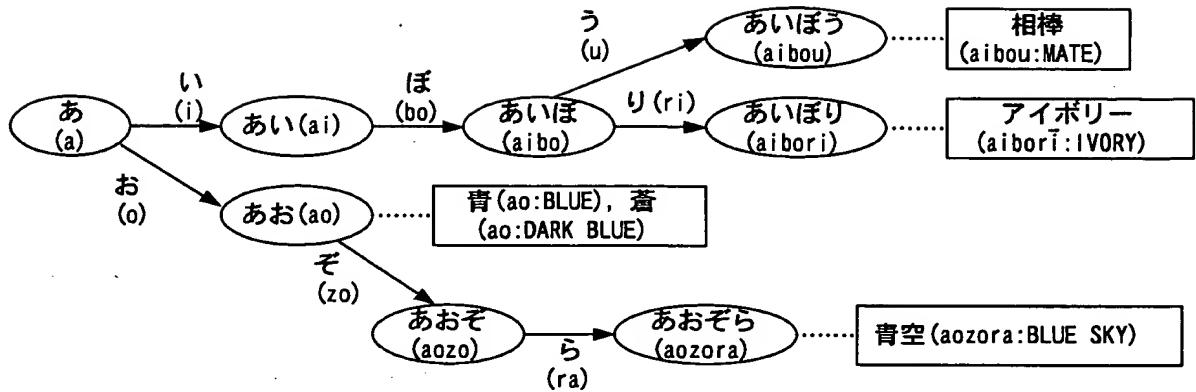
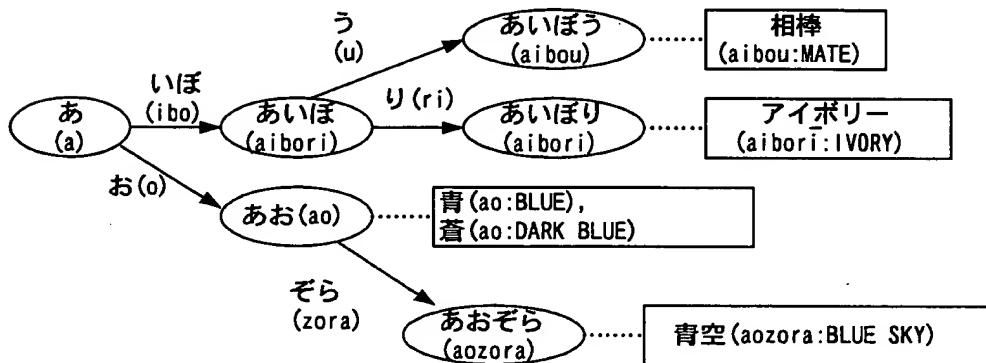


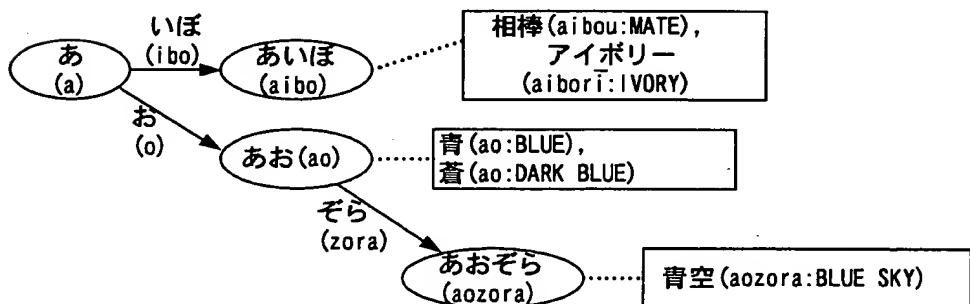
FIG. 10



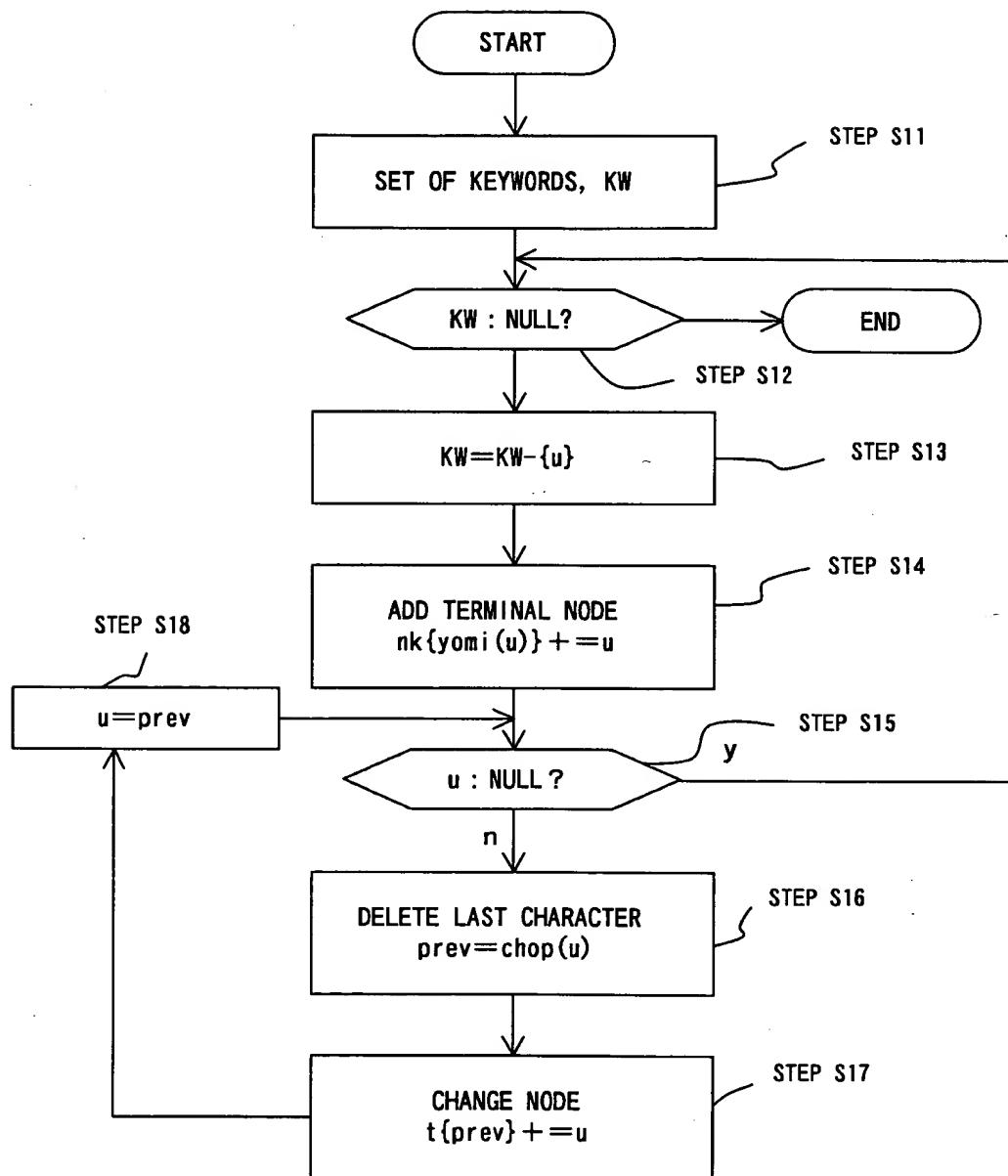
F I G. 11 A



F I G. 11 B



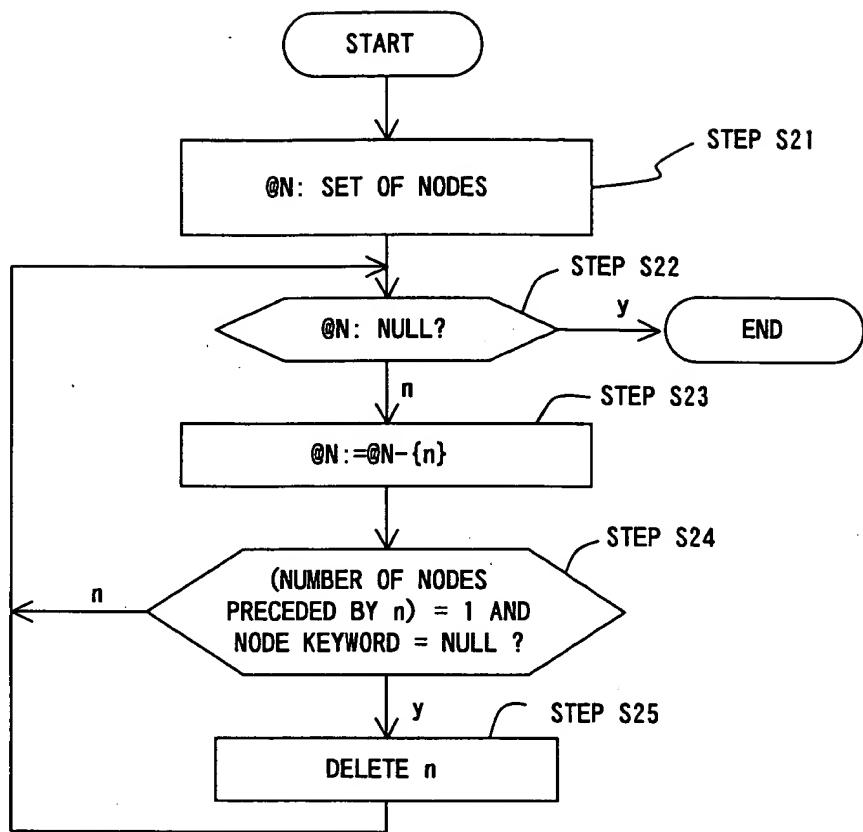
F I G. 11 C



F I G. 1 2

F I G. 1 3

```
proc init_kw_graph ()
{
    @KW:set of keywords; # SET OF KEYWORDS
    yomi : YOMI/Spell of keywords; # FUNCTION OR ARRAY THAT RETURNS PRONUNCIATION CHARACTERS OF KEYWORD
    foreach u in KW {           # FOR EACH KEYWORD u
        nk{yomi{u}} .= u."+"; # DESIGNATE nk() OF NODE OF PRONUNCIATION CHARACTERS OF KEYWORD u
        for ( i=0; i<length(u); i++) {   # REPEAT FOR LENGTH OF CHARACTER STRING OF KEYWORD u
            local prev = chop(u);      # DELETE LAST CHARACTER OF KEYWORD u AND ADD TO PARENT NODE
            t{prev} .= u."+";
            u = prev;
        }
    }
}
```

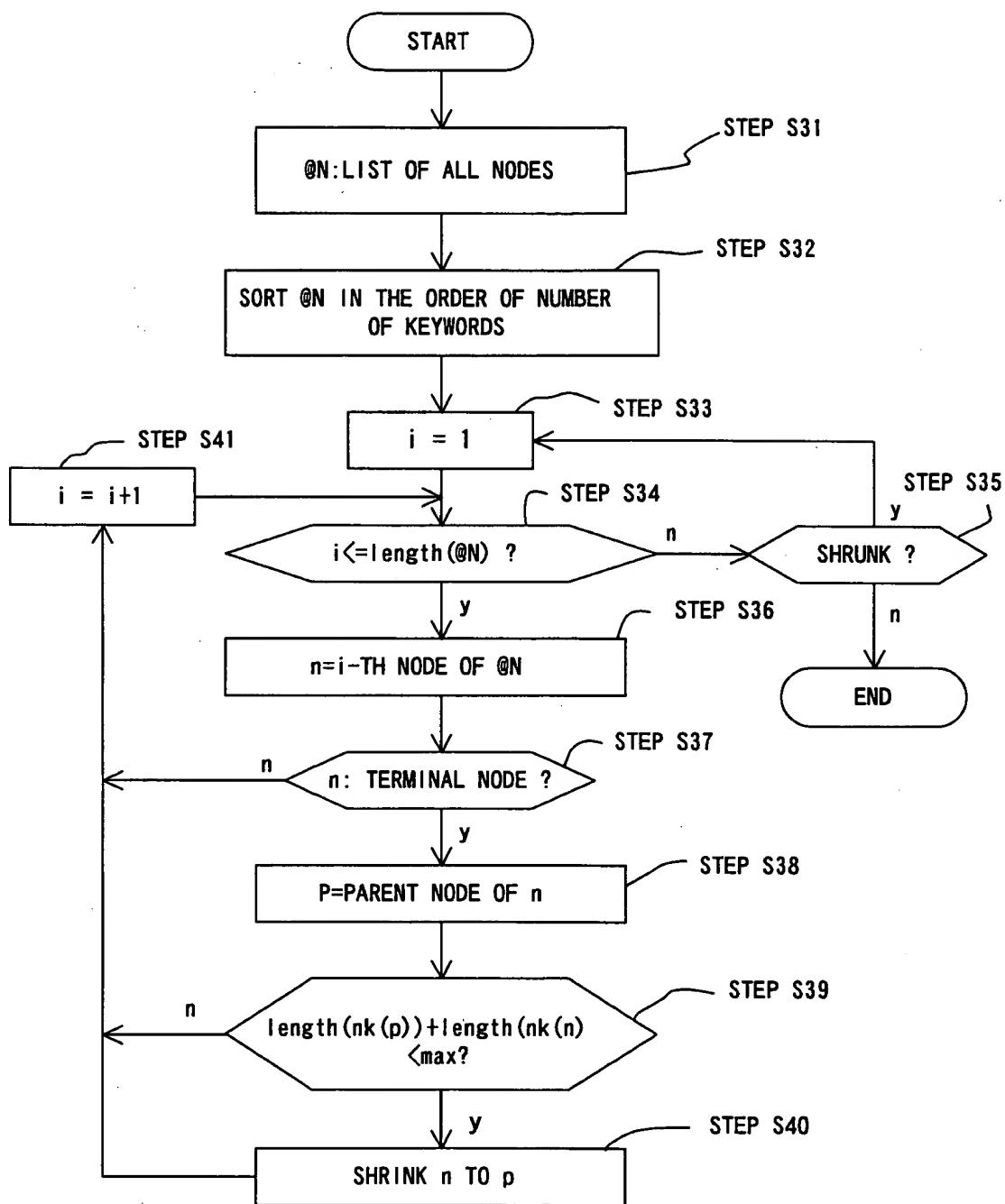


F I G. 1 4

REF ID: A290854

```
proc shrink_middle ()  
{  
    @N : set of nodes  
    foreach n (@N) {  
        next=t{n};      # NEXT NODE LIST  
        kw=nk{n};       # KEYWORD LIST  
        if (length(next) ==1 && kw == "") {  
            delete(n)      # DELETE NODE n  
        }  
    }  
}
```

F I G. 15

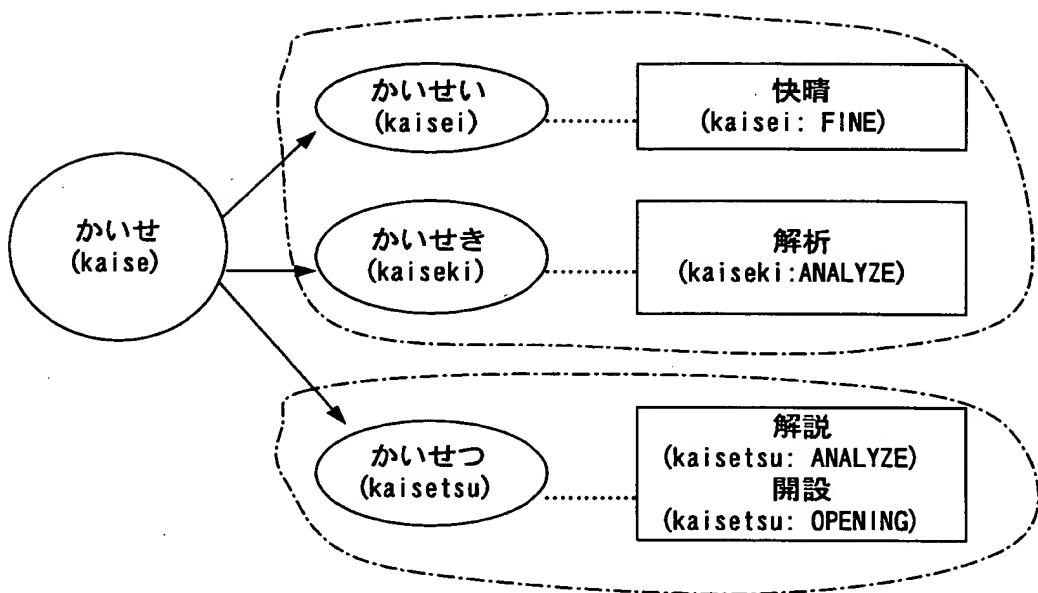


F I G. 1 6

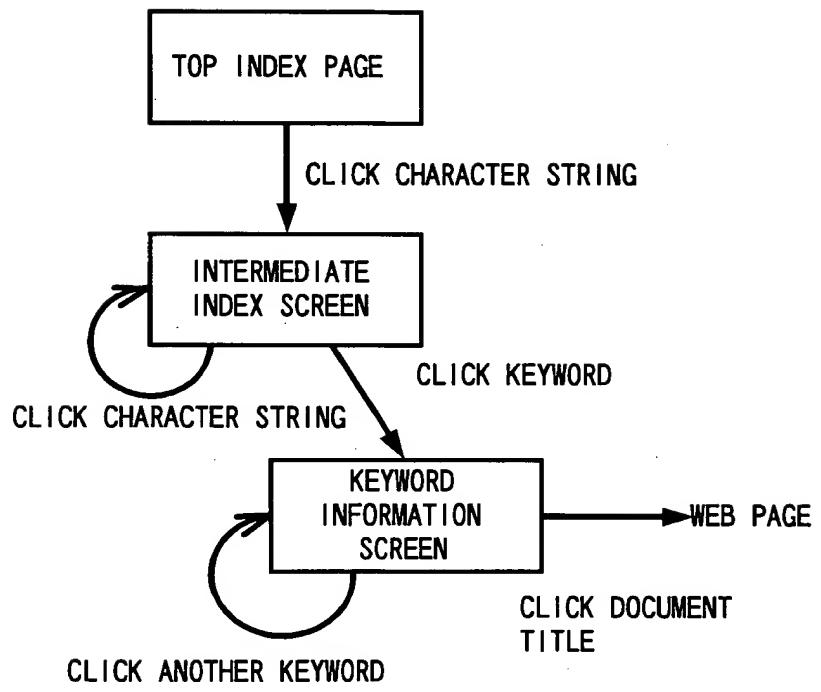
```

proc shrink_leaf ()
{
    @N: set of nodes;      # NODE LIST
    word_max =2;           # word_max : IN THIS EXAMPLE, 2
    changed = true;        # WHEN KEYWORD IS TRANSFERRED, true
    @N = sort by nk_length @N; # SORTING IN ASCENDING ORDER OF NUMBER OF KEYWORDS
    while (changed) {
        changed = false;
        foreach n in @N {
            if (is_leaf(n)) { # IN THE CASE OF TERMINAL NODE
                p = parent_node(n); # PARENT NODE
                if (length(nk{p}) + length(nk{n}) < word_max) {
                    nk{p}.= nk{n}."+";
                    delete (n); # DELETE TERMINAL NODE
                    changed = true; # PROOF OF TRANSFER
                }
            }
        }
    }
}

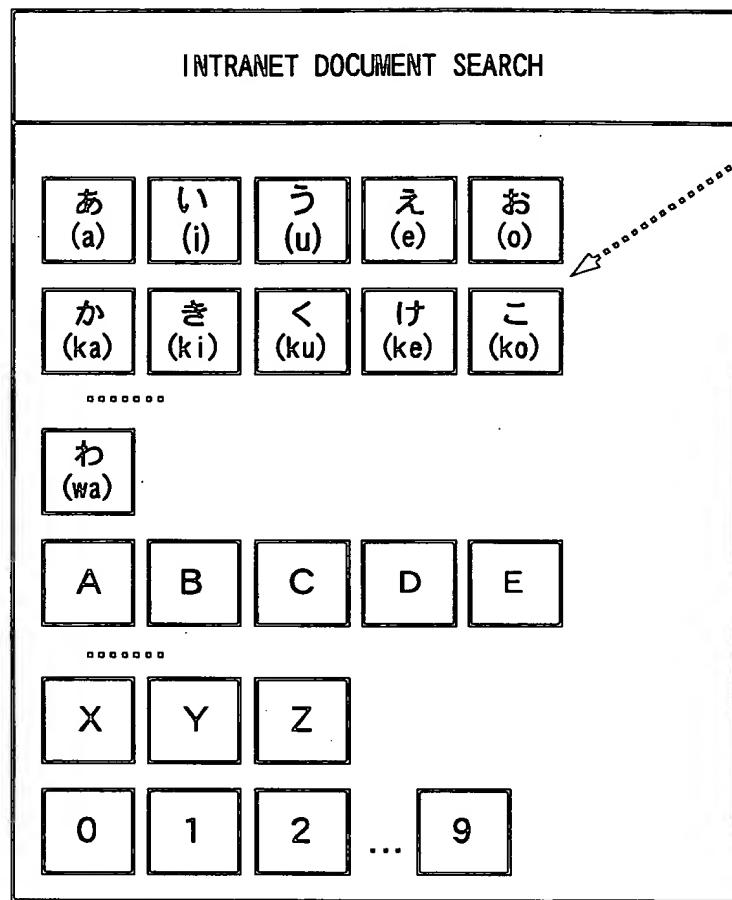
```



F I G. 18



F I G. 1 9



TOP INDEX SCREEN

F I G. 20

INTELLECTUAL 50-KANA CHARACTER INDEX OF INTRA-COMPANY PAGES

あ	い(i)	う(u)	え(e)	お(o)	か(k)	き(ki)	く(ku)	け(ke)	お(o)	が(ga)	ぎ(gi)	お(o)	が(gu)	ぎ(gi)	お(o)	ご(go)
か	さ(sa)	し(shi)	し(shi)	さ(su)	せ(se)	セ(se)	セ(se)	セ(se)	セ(se)	ざ(zai)						
さ	た(ta)	チ(chi)	チ(chi)	タ(tsu)	テ(te)	テ(te)	テ(te)	テ(te)	テ(te)	だ(da)						
た	な(na)	ニ(ni)	ニ(ni)	ナ(nu)	ヌ(nu)	ヌ(nu)	ヌ(nu)	ヌ(nu)	ヌ(nu)	の(no)						
な	は(ha)	ヒ(hi)	ヒ(hi)	ハ(ha)	フ(fu)	フ(fu)	フ(fu)	フ(fu)	フ(fu)	ば(ba)	バ(bi)	バ(bi)	バ(bi)	バ(bi)	バ(bi)	バ(bi)
は	ま(ma)	ミ(mi)	ミ(mi)	マ(ra)	ヰ(yu)	ヰ(yu)	ヰ(yu)	ヰ(yu)	ヰ(yu)	る(ru)	ル(ru)	ル(ru)	ル(ru)	ル(ru)	ル(ru)	ル(ru)
ま	や(ya)	ヰ(yu)	ヰ(yu)	ヤ(ra)	ヰ(ru)	ヰ(ru)	ヰ(ru)	ヰ(ru)	ヰ(ru)	れ(re)	レ(re)	レ(re)	レ(re)	レ(re)	レ(re)	レ(re)
や	わ(wa)			わ(wa)												

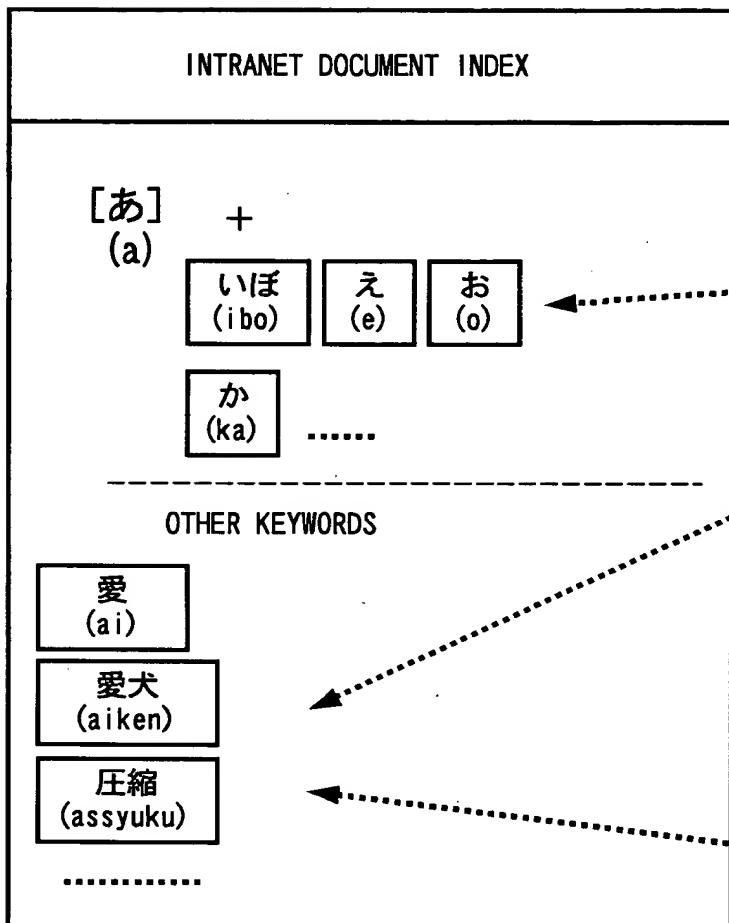
(NOTE) " - LONG SOUND  
SHOULD BE REMOVED.

SELECT " つ(tu)" AND

" ゃ(ya)" FOR " つ  
(tu)" AND " ゃ(ya).

SEARCH FOR A KEYWORD INCLUDING

CLEAR



FOLLOWING PRONUNCIATION CHARAACTERS (SPELLING)

OR

CLICK KEYWORD TO BE SEARCHED

A LIMITED NUMBER OF KEYWORDS APPEAR

F I G. 2 2

## "い" (i)

い(i)	え(e) エ(ro)	き(ki)	く(ku)	け(ke)	う(u)	が(ga)	ぎ(gi)	ご(go)
か(ka)	き(ki)	く(ku)	け(ke)	う(u)	が(ga)	ぎ(gi)	ご(go)	(NOTE)"-" LONG SOUND SHOULD BE REMOVED.
さ(sa)	し(shi)	す(su)	せ(se)	じ(ji)	う(u)	が(ga)	ぎ(gi)	ご(go)
た(ta)	ち(chi)	つ(tsu)	て(de)	ん(un)	ど(do)			
に(ni)	の(no)							
ば(ba)	べ(be) ハ(un)	ト(to)						
み(mi)	め(me) ジ(ji)							
や(ya)	よ(yu)	よ(yo)						
ら(ra)	リ(r)	る(ru)	ル(r)					
わ(wa)	ハ(un)							

"(Ya)" FOR "つ  
(tu)" AND "や(ya).

### OTHER KEYWORDS

- ・イオン(ion)
- ・意圖(ito)
- ・医薬(iyaku)
- ・イネーブル(ineburu)
- ・意欲(i yoku)
- ・医用(iyou)
- ・伊豆(izu)
- ・移転(i ten)
- ・稻城長沼(inagi naganuma)
- ・位相(isou)
- ・違反(i han)
- ・急ぎ(i sogi)
- ・依存(izonn)
- ・違反行為(i han koui)
- ・居酒屋(izakaya)
- ・依存性(izomsei)
- ・遺族(izoku)
- ・指宿(ibusuki)

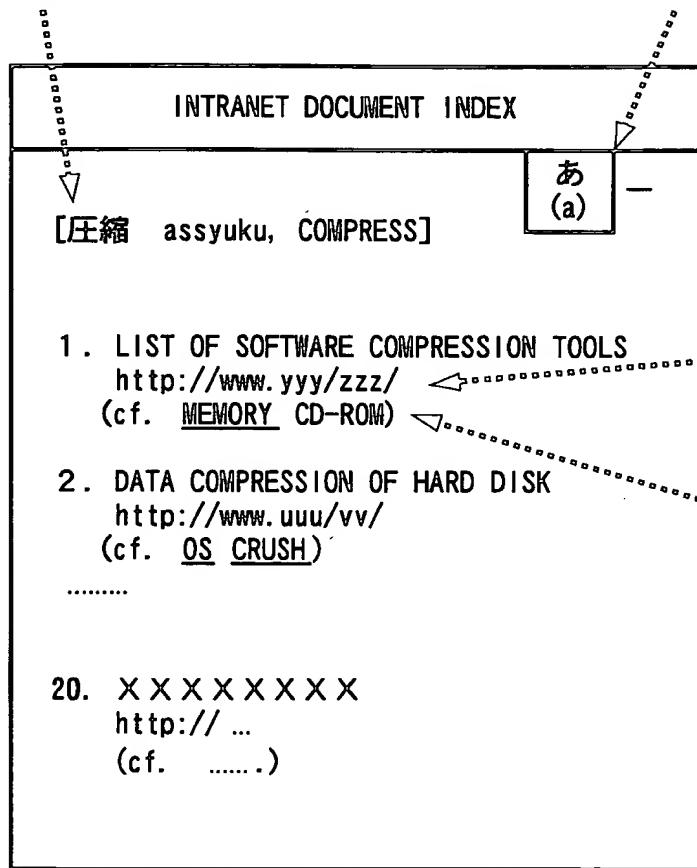
## “いべんと”(ibento)

### KEYWORDS

- ibento
- ibento rogu
- ibento annai
- ibento karendā
- ibento kudou
- ibento sâbisu
- ibento sukejyûru
- ibento makurosofuto
- ibento hassei
- ibento horyu
- kaisai yotei ibento
- kanshi ibento
- yotei ibento

REPRESENTATIVE WORD AND SYNONYM

ROUTE PATH



WHEN DOCUMENT INFORMATION IS CLICKED, JUMPED TO RELEVANT PAGE

WHEN CORRELATED KEYWORD IS CLICKED, JUMPED TO KEYWORD INFORMATION SCREEN OF THE KEYWORD

TOP (toppu)-I(i)-IBENTO (ibento)

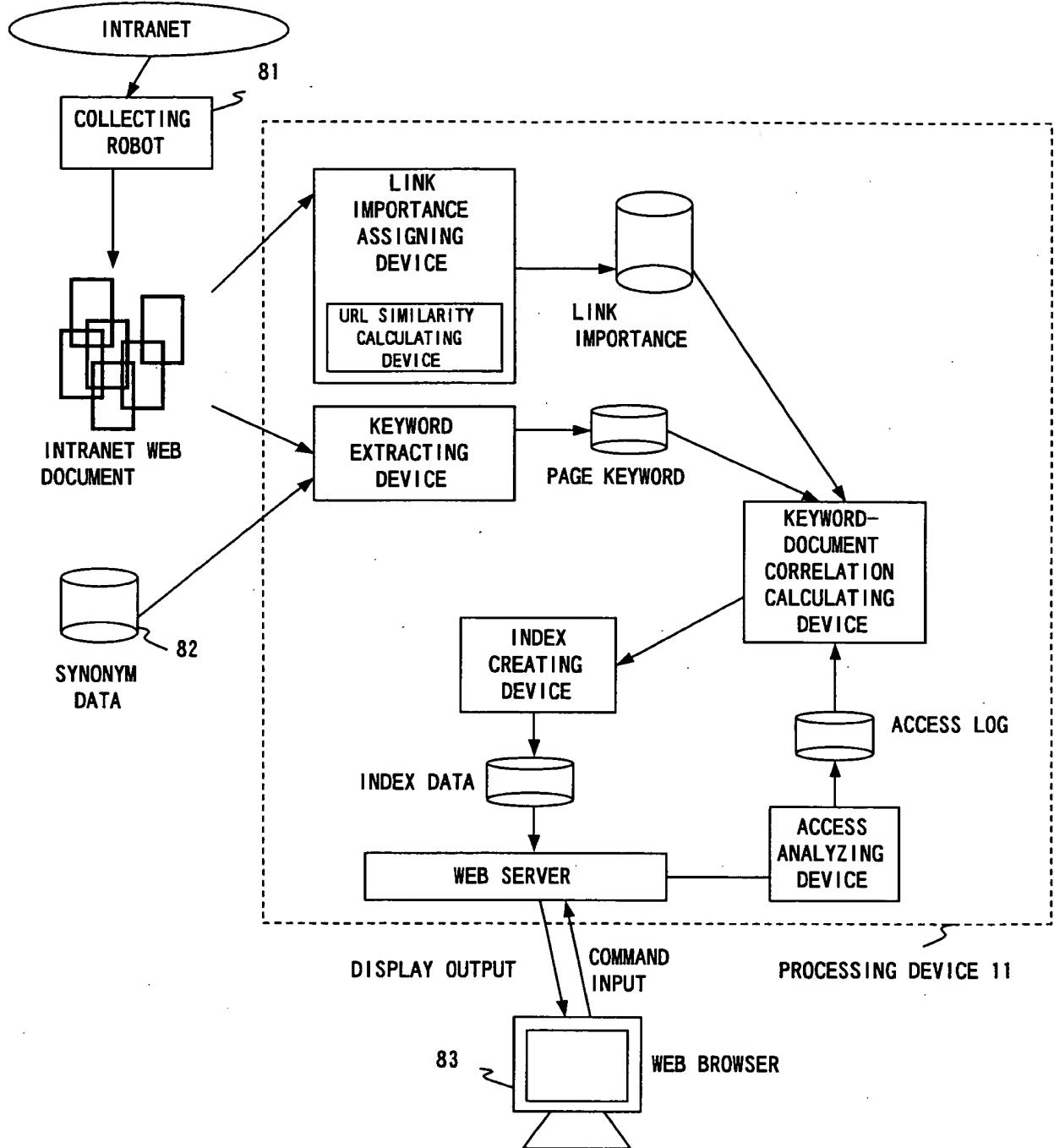
# 「イベントカレンダー」

(IBENTO KARENDA : EVENT CALENDAR)

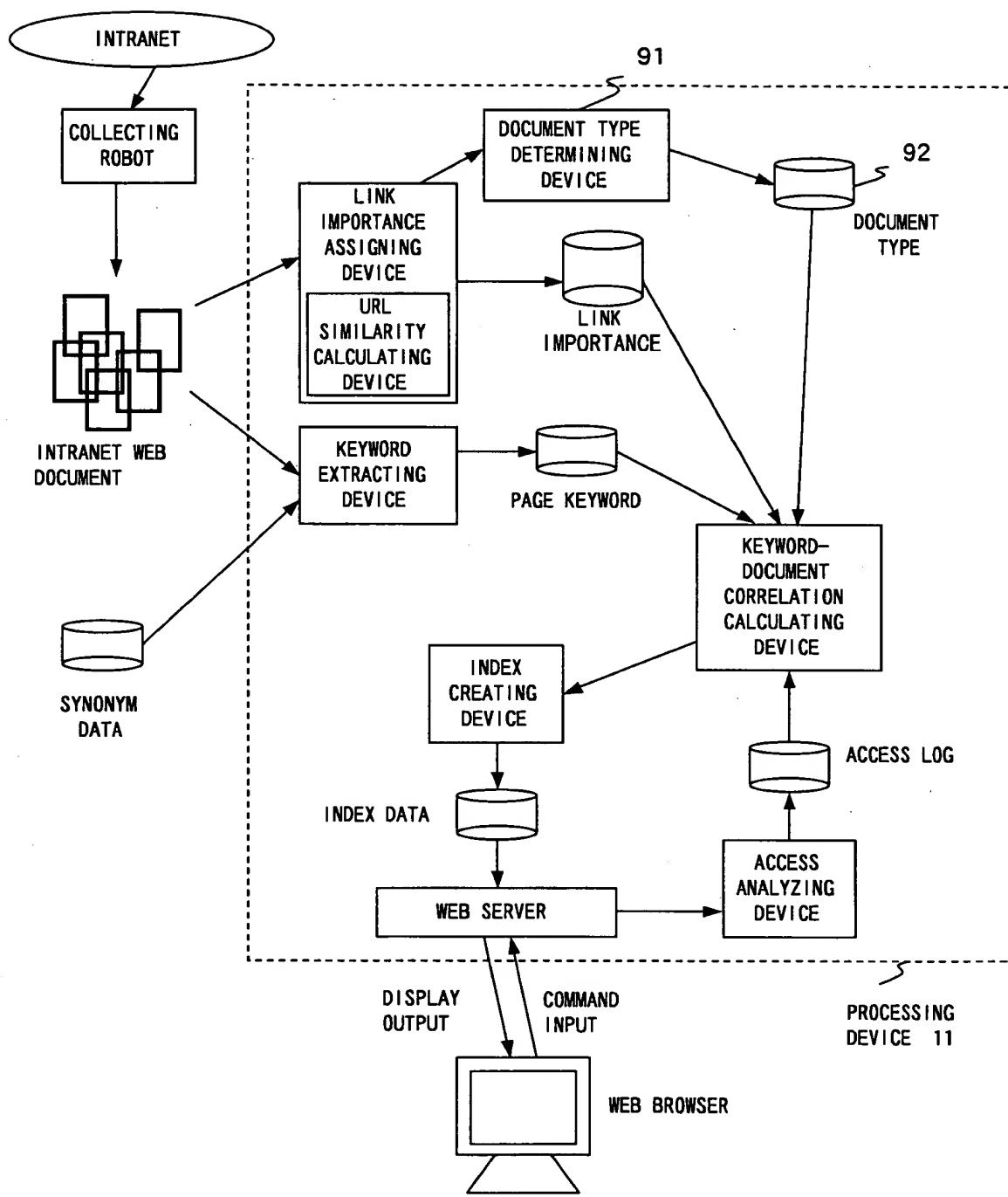
MAJOR PAGES ABOUT "イベントカレンダー"

- <http://www.daso.co.jp/event/2000.html> (03/17/1999)  
2000 NIEN KARENDA : CALENDAR OF YEAR 2000  
(KEYWORDS: イベントカレンダー:SOFTWARE, 展示会:EXHIBITION)
- <http://www.cal.co.jp/event9907.html> (06/23/1999)  
7 GATSU NO MOYOUISHI : EVENT ON JULY  
(KEYWORDS: 音楽会:ONGAKUKAI : CONCERT), ヨンサト (konsato : CONCERT))
- <http://www.yahoo.co.jp/event/> (06/23/1999)  
イベントリスト (ibent risto : EVENT LIST)

FIG. 26



F I G. 2 7



F I G. 28

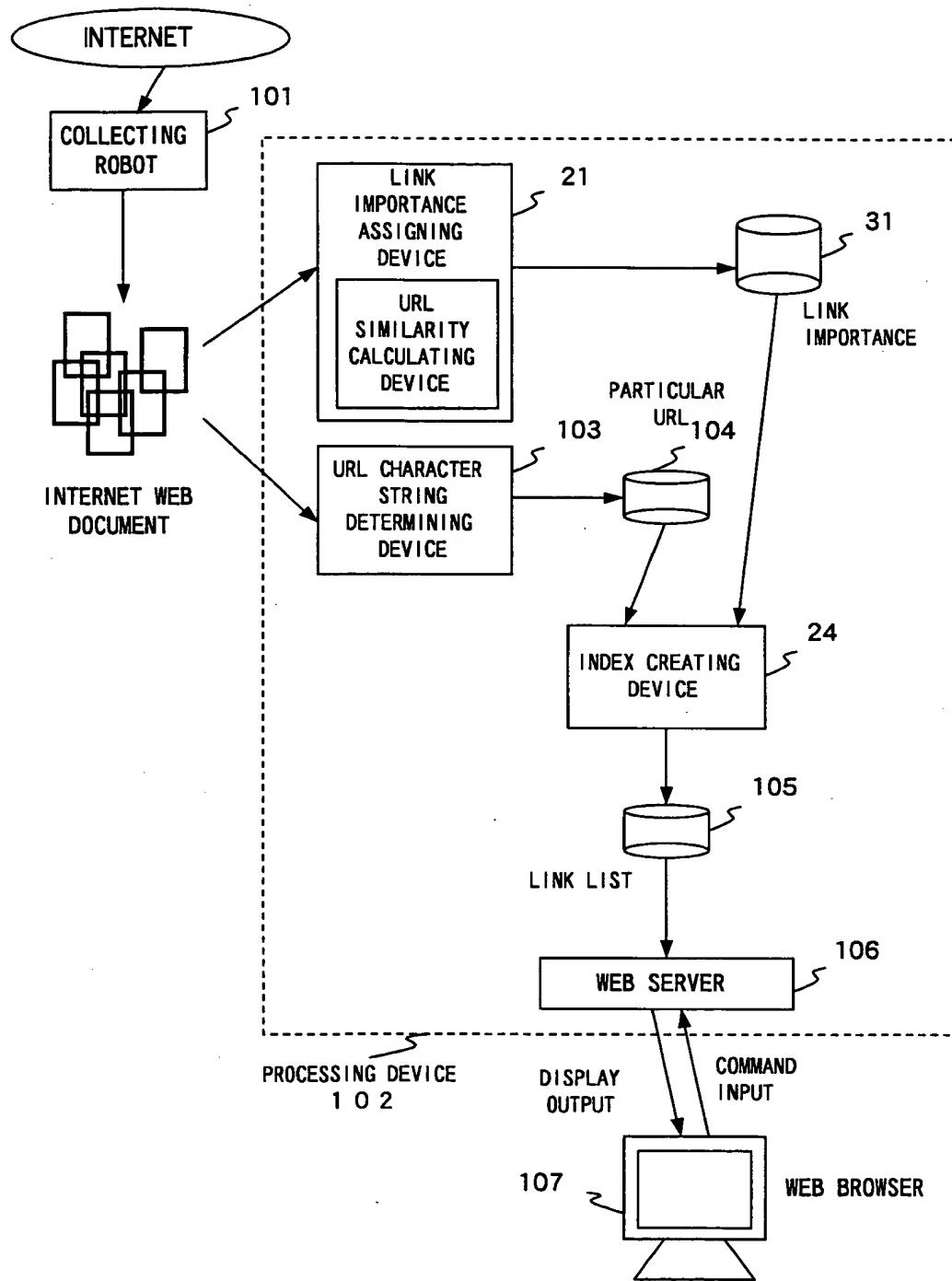
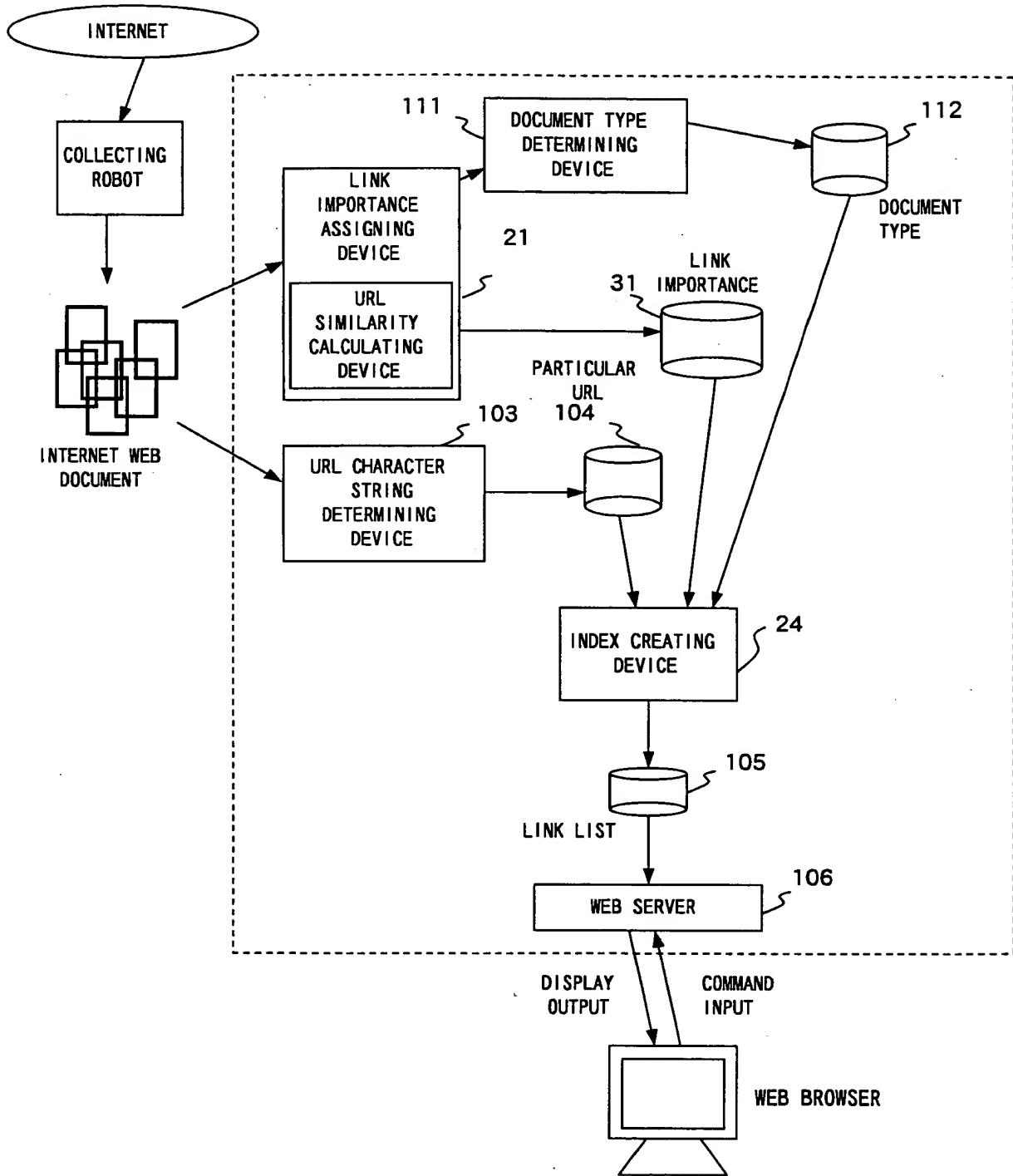


FIG. 29



F I G. 3 0

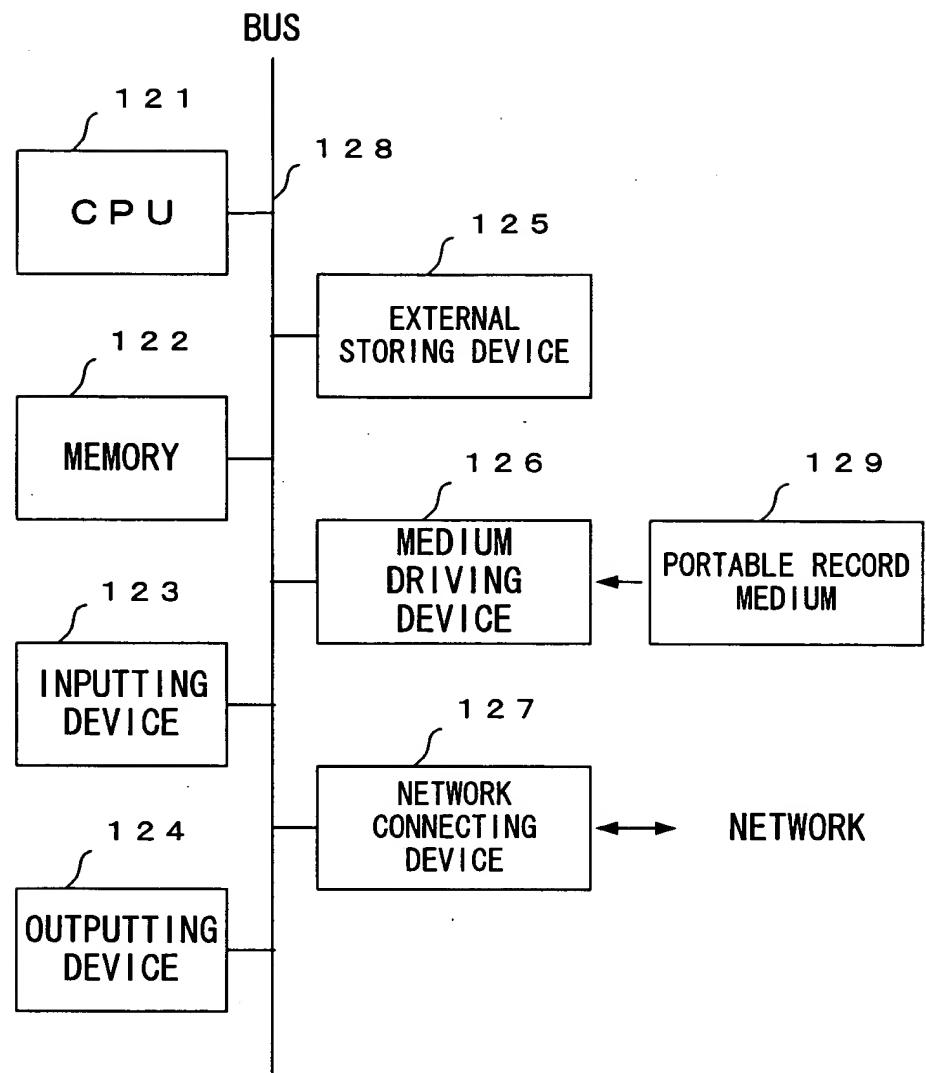
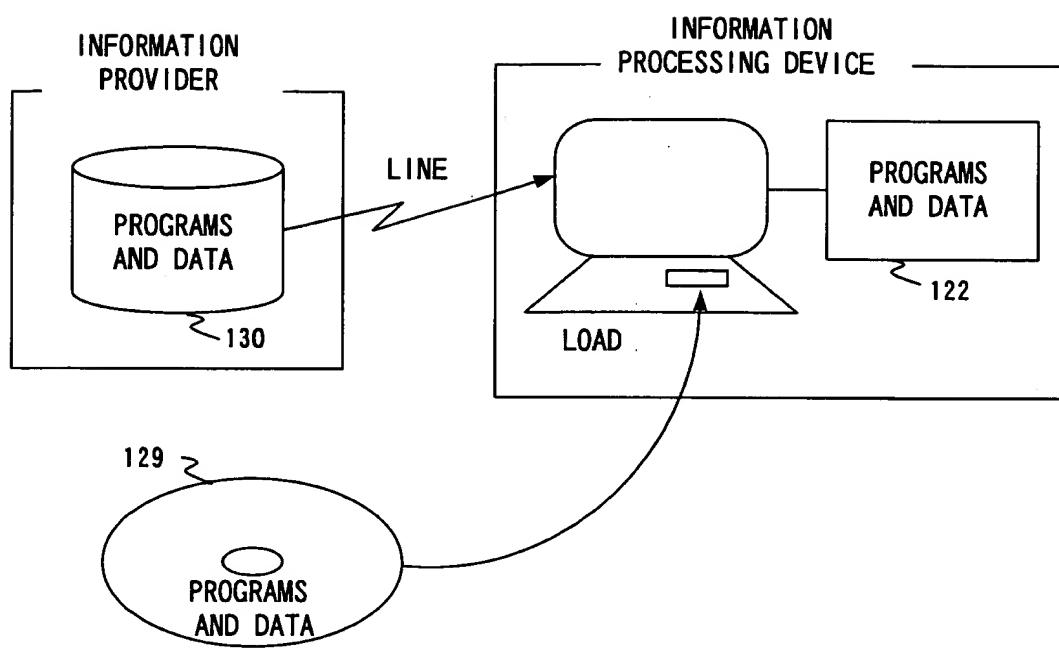


FIG. 31



F I G. 32